Applicant: Takeshi Nishi, et al Attorney's Docket No.: 07977-121003 / US3254D1D1

Serial No.: 10/735,885

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Amendments to the Claims

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims

1-10. (Canceled)

- 11. (Previously Presented). A liquid crystal electro-optical device comprising:
 a pair of substrates, at least one of said pair of substrates being transparent;
 a light modulating layer interposed between the pair of substrates, said light modulating layer including a liquid crystal, an optically active substance, and a dichroic dye; and electrodes for applying an electric field in a direction parallel with the pair of substrates.
- 12. (Previously Presented). A method of driving a liquid crystal electro-optical device, said liquid crystal electro-optical device comprising:

a pair of substrates, at least one of said pair of substrates being transparent; and a light modulating layer interposed between the pair of substrates, said light modulating layer including a liquid crystal, an optically active substance, and a dichroic dye; said method comprising:

applying an electric field in a direction parallel with the pair of substrates.

13. (Currently Amended). A liquid crystal electro-optical device comprising:
a pair of substrates, at least one of said pair of substrates being transparent;
a light modulating layer interposed between the pair of substrates, said light modulating layer including liquid crystal molecules, <u>an</u> optically active <u>substances</u> <u>substances</u>, and dichroic dye molecules; and

electrodes for applying an electric field in a direction parallel with the pair of substrates; wherein the liquid crystal molecules and the dichroic dye molecules are aligned in the direction parallel with the substrates by the electric field to obtain a light transmission state.

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14. (Currently Amended). A display according to claim 13, wherein the dichroic dye molecules are oriented in [[all]] <u>different</u> directions around the axis that is perpendicular to the substrates to attain a dark state when the electric field is not applied.

15. (Currently Amended). A method of driving a liquid crystal electro-optical device, said liquid crystal electro-optical device comprising:

a pair of substrates, at least one of said pair of substrates being transparent; and a light modulating layer interposed between the pair of substrates, said light modulating layer including liquid crystal molecules, <u>an</u> optically active <u>substances</u> <u>substances</u>, and dichroic dye molecules;

said method comprising:

applying an electric field in a direction parallel with the pair of substrates; wherein the liquid crystal molecules and the dichroic dye molecules are aligned in the direction parallel with the substrates by the electric field to obtain a light transmission state.

16. (Currently Amended). A display according to claim 15, wherein said dichroic dye molecules are oriented in [[all]] <u>different</u> directions around the axis that is perpendicular to the substrates to attain a dark state when the electric field is not applied.